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## RAW SEQUENCE LISTING

DATE: 10/30/2002

PATENT APPLICATION: US/09/772,445A

TIME: 12:19:23

Input Set : A:\2600-109.txt

Output Set: N:\CRF4\10292002\I772445A.raw

4 <110> APPLICANT: Kleinman, Hynda K.  
 5 Goldstein, Allan L.  
 6 Malinda, Katherine M.  
 7 Sosne, Gabriel  
 9 <120> TITLE OF INVENTION: THYMOSIN BETA 4 PROMOTES WOUND REPAIR  
 12 <130> FILE REFERENCE: 08830-056001  
 14 <140> CURRENT APPLICATION NUMBER: US 09/772,445A  
 15 <141> CURRENT FILING DATE: 2001-01-29  
 17 <150> PRIOR APPLICATION NUMBER: PCT/US99/17282  
 18 <151> PRIOR FILING DATE: 1999-07-30  
 20 <150> PRIOR APPLICATION NUMBER: US 60/094,690  
 21 <151> PRIOR FILING DATE: 1998-07-30  
 23 <160> NUMBER OF SEQ ID NOS: 15  
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 6  
 29 <212> TYPE: PRT  
 30 <213> ORGANISM: Homo sapiens  
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 33 Leu Lys Lys Thr Glu Thr  
 34 1 5  
 36 <210> SEQ ID NO: 2  
 37 <211> LENGTH: 43  
 38 <212> TYPE: PRT  
 39 <213> ORGANISM: Homo sapiens  
 41 <400> SEQUENCE: 2  
 42 Ser Asp Lys Pro Asp Met Ala Glu Ile Glu Lys Phe Asp Lys Ser Lys  
 43 1 5 10 15  
 44 Leu Lys Lys Thr Glu Thr Gln Glu Lys Asn Pro Leu Pro Ser Lys Glu  
 45 20 25 30  
 46 Thr Ile Glu Gln Glu Asp Gln Ala Gly Glu Ser  
 47 35 40  
 49 <210> SEQ ID NO: 3  
 50 <211> LENGTH: 43  
 51 <212> TYPE: PRT  
 52 <213> ORGANISM: Homo sapiens  
 54 <400> SEQUENCE: 3  
 55 Ala Lys Asp Pro Asp Met Ala Glu Ile Glu Lys Phe Asp Lys Ser Lys  
 56 1 5 10 15  
 57 Leu Lys Lys Thr Glu Thr Gln Glu Lys Asn Pro Leu Pro Ser Lys Glu  
 58 20 25 30  
 59 Thr Ile Glu Gln Glu Lys Gln Ala Gly Glu Ser  
 60 35 40

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62 <210> SEQ ID NO: 4
63 <211> LENGTH: 43
64 <212> TYPE: PRT
65 <213> ORGANISM: Xenopus laevis
67 <400> SEQUENCE: 4
68 Ser Asp Lys Pro Asp Met Ala Glu Ile Glu Lys Phe Asp Lys Ala Lys
69 1 5 10 15
70 Leu Lys Lys Thr Glu Thr Gln Glu Lys Asn Pro Leu Pro Ser Lys Glu
71 20 25 30
72 Thr Ile Glu Gln Glu Lys Gln Ser Thr Glu Ser
73 35 40
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 41
77 <212> TYPE: PRT
78 <213> ORGANISM: Bos taurus
80 <400> SEQUENCE: 5
81 Ala Asp Lys Pro Asp Leu Gly Glu Ile Asn Ser Phe Asp Lys Ala Lys
82 1 5 10 15
83 Leu Lys Lys Thr Glu Thr Gln Glu Lys Asn Thr Leu Pro Thr Lys Glu
84 20 25 30
85 Thr Ile Glu Gln Glu Lys Gln Ala Lys
86 35 40
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 41
90 <212> TYPE: PRT
91 <213> ORGANISM: Sus scrofa
93 <400> SEQUENCE: 6
94 Ala Asp Lys Pro Asp Met Gly Glu Ile Asn Ser Phe Asp Lys Ala Lys
95 1 5 10 15
96 Leu Lys Lys Thr Glu Thr Gln Glu Lys Asn Thr Leu Pro Thr Lys Glu
97 20 25 30
98 Thr Ile Glu Gln Glu Lys Gln Ala Lys
99 35 40
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 43
103 <212> TYPE: PRT
104 <213> ORGANISM: Homo sapiens
106 <400> SEQUENCE: 7
107 Ala Asp Lys Pro Asp Met Gly Glu Ile Ala Ser Phe Asp Lys Ala Lys
108 1 5 10 15
109 Leu Lys Lys Thr Glu Thr Gln Glu Lys Asn Thr Leu Pro Thr Lys Glu
110 20 25 30
111 Thr Ile Glu Gln Glu Lys Arg Ser Glu Ile Ser
112 35 40
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 41
116 <212> TYPE: PRT
117 <213> ORGANISM: Salmo gairdneri
119 <400> SEQUENCE: 8

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120 Ser Asp Lys Pro Asn Leu Glu Glu Val Ala Ser Phe Asp Lys Thr Lys
121 1 5 10 15
122 Leu Lys Lys Thr Glu Thr Gln Glu Lys Asn Pro Leu Pro Thr Lys Glu
123 20 25 30
124 Thr Ile Glu Gln Glu Lys Gln Ala Ser
125 35 40
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 42
129 <212> TYPE: PRT
130 <213> ORGANISM: Salmo gairdneri
132 <400> SEQUENCE: 9
133 Ser Asp Lys Pro Asp Leu Ala Glu Val Ser Asn Phe Asp Lys Thr Lys
134 1 5 10 15
135 Leu Lys Lys Thr Glu Thr Gln Glu Lys Asn Pro Leu Pro Thr Lys Glu
136 20 25 30
137 Thr Ile Glu Gln Glu Lys Gln Ala Thr Ala
138 35 40
140 <210> SEQ ID NO: 10
141 <211> LENGTH: 43
142 <212> TYPE: PRT
143 <213> ORGANISM: Perca fluviatilis
145 <400> SEQUENCE: 10
146 Ser Asp Lys Pro Asp Ile Ser Glu Val Thr Ser Phe Asp Lys Thr Lys
147 1 5 10 15
148 Leu Lys Lys Thr Glu Thr Gln Glu Lys Asn Pro Leu Pro Ser Lys Glu
149 20 25 30
150 Thr Ile Glu Gln Glu Lys Ala Ala Ala Thr Ser
151 35 40
153 <210> SEQ ID NO: 11
154 <211> LENGTH: 41
155 <212> TYPE: PRT
156 <213> ORGANISM: Balaenoptera acutorostrata
158 <400> SEQUENCE: 11
159 Ala Asp Lys Pro Asp Met Gly Glu Ile Ala Ser Phe Asp Lys Ala Lys
160 1 5 10 15
161 Leu Lys Lys Thr Glu Thr Gln Glu Lys Asn Thr Leu Pro Thr Lys Glu
162 20 25 30
163 Thr Ile Glu Gln Glu Lys Gln Ala Lys
164 35 40
166 <210> SEQ ID NO: 12
167 <211> LENGTH: 40
168 <212> TYPE: PRT
169 <213> ORGANISM: Arbacia punctulata
171 <400> SEQUENCE: 12
172 Ser Asp Lys Pro Asp Ile Ser Glu Val Ser Ser Phe Asp Lys Thr Lys
173 1 5 10 15
174 Leu Lys Lys Thr Glu Thr Ala Glu Lys Asn Thr Leu Pro Thr Lys Glu
175 20 25 30
176 Thr Ile Glu Gln Glu Leu Thr Ala

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180 <211> LENGTH: 44
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182 <213> ORGANISM: Homo sapiens
184 <400> SEQUENCE: 13
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186  1          5          10          15
187 Leu Lys Lys Thr Asn Thr Glu Glu Lys Asn Thr Leu Pro Ser Lys Glu
188          20          25          30
189 Thr Ile Gln Gln Glu Lys Glu Tyr Asn Gln Arg Ser
190          35          40
192 <210> SEQ ID NO: 14
193 <211> LENGTH: 40
194 <212> TYPE: PRT
195 <213> ORGANISM: Argopecten irradians
197 <400> SEQUENCE: 14
198 Ser Asp Lys Pro Phe Val Ser Glu Val Ala Asn Phe Asp Lys Ser Lys
199  1          5          10          15
200 Leu Lys Lys Thr Glu Thr Ala Glu Lys Asn Thr Leu Pro Thr Lys Glu
201          20          25          30
202 Thr Ile Gln Gln Glu Lys Glu Ala
203          35          40
205 <210> SEQ ID NO: 15
206 <211> LENGTH: 40
207 <212> TYPE: PRT
208 <213> ORGANISM: Arbacia punctulata
210 <400> SEQUENCE: 15
211 Ala Asp Lys Pro Asp Val Ser Glu Val Ser Thr Phe Asp Lys Ser Lys
212  1          5          10          15
213 Leu Lys Lys Thr Glu Thr Gln Glu Lys Asn Thr Leu Pro Thr Lys Asp
214          20          25          30
215 Thr Ile Glu Gln Glu Lys Gln Gly
216          35          40

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VERIFICATION SUMMARY

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